

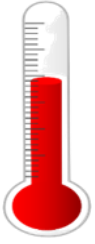


Citizen Water Monitoring

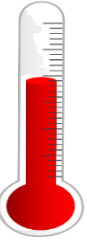
Session 6

Week 3 Results

April 4th – 10th



Water Temperature



Lafayette Branch:

Site Location	Date	Time	Tide	Air Temp		Water Temp	
1	4/9	2:19 pm	Mid	58°F	14°C	61°F	16°C
5	4/9	5:40 pm	High	51°F	11°C	59°F	15°C
8	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Main Stem:

Site Location	Date	Time	Tide	Air Temp		Water Temp	
10	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Eastern Branch:

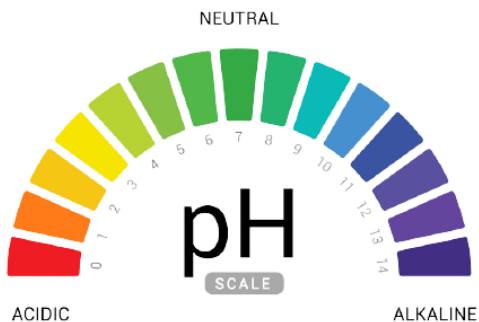
Site Location	Date	Time	Tide	Air Temp		Water Temp	
9	4/8	3:00 pm	N/A	65°F	18°C	64°F	18°C

Southern Branch:

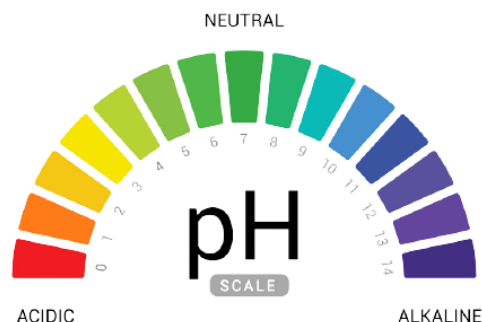
Site Location	Date	Time	Tide	Air Temp		Water Temp	
2	4/4	5:20 pm	Low	55°F	13°C	61°F	16°C
3	4/10	11:00 am	Mid	52°F	11°C	72°F	22°C
7	4/7	2:30 pm	High	62°F	17°C	64°F	18°C

Western Branch:

Site Location	Date	Time	Tide	Air Temp		Water Temp	
4	4/10	12:00 pm	Low	52°F	11°C	64°F	18°C
6	4/9	3:00 pm	N/A	56°F	13°C	61°F	16°C



pH



Lafayette Branch:

Site Location	Date	Time	Tide	pH
1	4/9	2:19 pm	Mid	7
5	4/9	5:40 pm	High	7
8	N/A	N/A	N/A	N/A

Main Stem:

Site Location	Date	Time	Tide	pH
10	N/A	N/A	N/A	N/A

Eastern Branch:

Site Location	Date	Time	Tide	pH
9	4/8	3:00 pm	N/A	6

Southern Branch:

Site Location	Date	Time	Tide	pH
2	4/4	5:20 pm	Low	7
3	4/10	11:00 am	Mid	7
7	4/7	2:30 pm	High	7

Western Branch:

Site Location	Date	Time	Tide	pH
4	4/10	12:00 pm	Low	7
6	4/9	3:00 pm	N/A	6



Fecal Coliform Bacteria



Lafayette Branch:

Site Location	Date	Time	Tide	Bacteria
1	4/9	2:19 pm	Mid	N/A
5	4/9	5:40 pm	High	N/A
8	N/A	N/A	N/A	N/A

Main Stem:

Site Location	Date	Time	Tide	Bacteria
10	N/A	N/A	N/A	N/A

Eastern Branch:

Site Location	Date	Time	Tide	Bacteria
9	4/8	3:00 pm	N/A	Positive

Southern Branch:

Site Location	Date	Time	Tide	Bacteria
2	4/4	5:20 pm	Low	N/A
3	4/10	11:00 am	Mid	N/A
7	4/7	2:30 pm	High	N/A

Western Branch:

Site Location	Date	Time	Tide	Bacteria
4	4/10	12:00 pm	Low	N/A
6	4/9	3:00 pm	N/A	Positive



Nitrates and Phosphates



Lafayette Branch:

Site Location	Date	Time	Tide	Nitrate	Phosphate
1	4/9	2:19 pm	Mid	5 ppm	1 ppm
5	4/9	5:40 pm	High	5 ppm	1 ppm
8	N/A	N/A	N/A	N/A	

Main Stem:

Site Location	Date	Time	Tide	Nitrate	Phosphate
10	N/A	N/A	N/A	N/A	N/A

Eastern Branch:

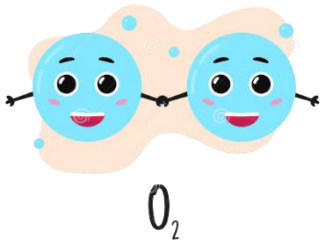
Site Location	Date	Time	Tide	Nitrate	Phosphate
9	4/8	3:00 pm	N/A	5 ppm	1 ppm

Southern Branch:

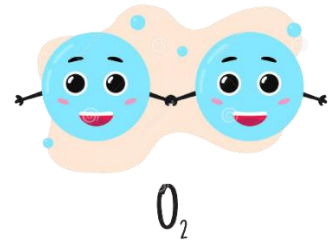
Site Location	Date	Time	Tide	Nitrate	Phosphate
2	4/4	5:20 pm	Low	5 ppm	1 ppm
3	4/10	11:00 am	Mid	5 ppm	1 ppm
7	4/7	2:30 pm	High	5 ppm	1 ppm

Western Branch:

Site Location	Date	Time	Tide	Nitrate	Phosphate
4	4/10	12:00 pm	Low	5 ppm	2 ppm
6	4/9	3:00 pm	N/A	5 ppm	1 ppm



Dissolved Oxygen



Lafayette Branch:

Site Location	Date	Time	Tide	DO
1	4/9	2:19 pm	Mid	4 ppm
5	4/9	5:40 pm	High	6 ppm
8	N/A	N/A	N/A	N/A

Main Stem:

Site Location	Date	Time	Tide	DO
10	N/A	N/A	N/A	N/A

Eastern Branch:

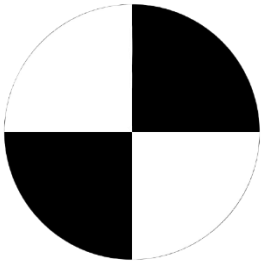
Site Location	Date	Time	Tide	DO
9	4/8	3:00 pm	N/A	8 ppm

Southern Branch:

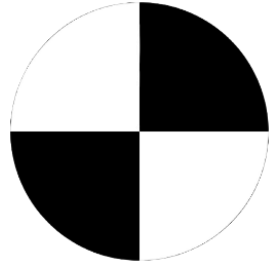
Site Location	Date	Time	Tide	DO
2	4/4	5:20 pm	Low	4 ppm
3	4/10	11:00 am	Mid	8 ppm
7	4/7	2:30 pm	High	8 ppm

Western Branch:

Site Location	Date	Time	Tide	DO
4	4/10	12:00 pm	Low	4 ppm
6	4/9	3:00 pm	N/A	8 ppm



Turbidity



Lafayette Branch:

Site Location	Date	Time	Tide	Turbidity
1	4/9	2:19 pm	Mid	40 JTU
5	4/9	5:40 pm	High	0 JTU
8	N/A	N/A	N/A	N/A

Main Stem:

Site Location	Date	Time	Tide	Turbidity
10	N/A	N/A	N/A	N/A

Eastern Branch:

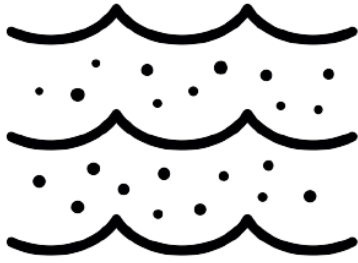
Site Location	Date	Time	Tide	Turbidity
9	4/8	3:00 pm	N/A	40 JTU

Southern Branch:

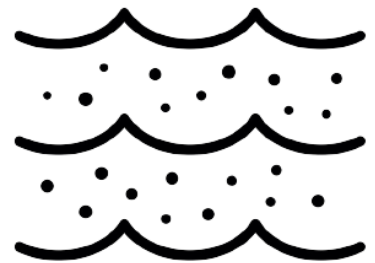
Site Location	Date	Time	Tide	Turbidity
2	4/4	5:20 pm	Low	40 JTU
3	4/10	11:00 am	Mid	40 JTU
7	4/7	2:30 pm	High	60 JTU

Western Branch:

Site Location	Date	Time	Tide	Turbidity
4	4/10	12:00 pm	Low	40 JTU
6	4/9	3:00 pm	N/A	40 JTU



Salinity



Lafayette Branch:

Site Location	Date	Time	Tide	Salinity
1	4/9	2:19 pm	Mid	12 ppt
5	4/9	5:40 pm	High	13 ppt
8	N/A	N/A	N/A	N/A

Main Stem:

Site Location	Date	Time	Tide	Salinity
10	N/A	N/A	N/A	N/A

Eastern Branch:

Site Location	Date	Time	Tide	Salinity
9	4/8	3:00 pm	N/A	12 ppt

Southern Branch:

Site Location	Date	Time	Tide	Salinity
2	4/4	5:20 pm	Low	12 ppt
3	4/10	11:00 am	Mid	3 ppt
7	4/7	2:30 pm	High	16 ppt

Western Branch:

Site Location	Date	Time	Tide	Salinity
4	4/10	12:00 pm	Low	17 ppt
6	4/9	3:00 pm	N/A	10 ppt